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*date:* February 25, 2006  
*to:* Distribution  
*subject:* Safety Walk  
*from:* P. Cirnigliaro

On December 28, 2005 a Job Risk Analysis (JRA-16-06) and a Safety Walk through of "Working With Hazards Materials" was performed in building 911 Vacuum Lab. The actual task was porcelain enameling of metal insulator parts. C. Biscardi was the operator and performed the entire operation. This operation involves the use of silica containing materials. Engineering controls are in place (fume hood) to minimize personal exposure to the silica dust. A program of continuing personal monitoring is taking place to characterize the actual exposure profile.

Safety Walk Attendees:

P.Cirnigliaro (C-A ESHQ)  
C. Biscardi (C-A Instrumentation and Beam Components Group)

Positive Observations:

- Use of PPE, including safety glasses, disposable clothing, and gloves when handling parts during the firing process.
- Innovative use of a disposable liner for the fume hood.
- Emphasis on keeping the work area clean and free of silica dust containing materials.
- On going Industrial Hygiene monitoring as the enameling process evolves.

Negative Observations:

None

Distribution: Safety Walk Attendees

R. Karol  
D. Lehn  
E. Lessard  
D. Lowenstein  
T. Russo